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**PALM INTRANET**

Inventor Information for 10/687811

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1	US 7076425 B2	20060711	Voice recognition device with larger weights assigned to displayed words of recognition vocabulary	704/252	704/275; 704/276	Ono; Takeshi et al.
1	US 7047198 B2	20060516	Audio input device and method of controlling the same	704/275		Ono; Takeshi et al.
1	US 6906798 B2	20050614	Multi-path monochromator	356/334	356/328	Kojima; Manabu et al.
1	US 6897861 B2	20050524	Map image display device, map image display method and map image display program	345/419	701/25; 701/26	Watanabe; Masaki et al.
1	US 6836986 B2	20050104	Apparatus for displaying a flying object	40/439	40/406; 40/409	Ootsuta; Katsuhisa et al.
1	US 6775021 B1	20040810	Data communication apparatus for receiving and recording data and having means for adding a predetermined mark and a time of reception to the recorded data	358/1.15	358/1.18; 358/439; 358/468	Ono; Takeshi
1	US 6669335 B2	20031230	Ink-jet printing head and ink-jet printing apparatus	347/65		Tanaka; Sohei et al.
1	US 6646981 B1	20031111	Transmission apparatus and communication network capable of detecting a period of time with a line affected due to a failure of a power supply	370/216	370/248; 370/252; 714/14; 714/22; 714/4	Kinouchi; Kenya et al.
1	US 6557984 B2	20030506	Ink-jet printing head and ink-jet printing apparatus	347/65	347/21	Tanaka; Sohei et al.
1	US	20011030	Apparatus and method	725/37	340/670;	Miyazaki;

	6311328 B1		for enlarging/reducing a video picture size		348/458; 348/561; 348/581; 358/451; 382/298; 382/300	Shinichiro et al.
1	US 6252185 B1	20010626	Delay switch with delay unit	200/34		Shibata; Kiwamu et al.
1	US 6238034 B1	20010529	Ink-jet recording methods and apparatuses	347/9	347/14; 347/15	Ono; Takeshi
1	US 6219104 B1	20010417	Picture processing apparatus and processing method	348/458	345/475; 345/660; 348/441; 348/445; 348/448; 348/561; 348/581; 348/582	Shirahama; Akira et al.
1	US 6169560 B1	20010102	Thermal transfer recording apparatus with ink sheet slackness removal	347/217		Yoshida; Takehiro et al.
1	US 6168320 B1	20010102	Printing apparatus and method, and facsimile apparatus comprising the apparatus	358/1.2	347/1; 347/20; 347/40; 347/41; 358/1.1; 358/1.12	Ono; Takeshi et al.
1	US 6155067 A	20001205	Enclosed compressor and cooling system	62/296	181/403; 417/312	Ono; Takeshi et al.
1	US 6069643 A	20000530	Thermal Transfer recording apparatus and method to reduce ink sheet sticking	347/186	347/180; 347/181; 347/182; 347/185; 347/187	Yoshida; Takehiro et al.
1	US 6064444 A	20000516	Picture processing apparatus and processing method	348/581	348/445; 348/448; 348/556; 348/913	Miyazaki; Shinichiro et al.
1	US 6052007 A	20000418	Phase control method and apparatus for synchronizing dual link transmission	327/158	327/153; 327/161	Ono; Takeshi

			signals			
1	US 5988787 A	19991123	Ink jet apparatus having a recording unit cartridge including a recording head, ink supply system and ink collecting member	347/22	347/29; 347/49; 347/85	Watanabe; Fumihiko et al.
1	US 5982197 A	19991109	Dynamic circuit	326/95	326/98	Ono; Takeshi et al.
1	US 5943068 A	19990824	Printer, facsimile apparatus using printer and image processing apparatus	347/3	347/9	Ono; Takeshi et al.
1	US 5933246 A	19990803	Facsimile apparatus	358/404	358/442; 358/468	Ono; Takeshi
1	US 5910848 A	19990608	Facsimile apparatus	358/404	358/439; 358/468	Ono; Takeshi
1	US 5883987 A	19990316	Image sensing system including a light source	382/312	348/104; 348/266; 382/274; 382/319; 382/321	Ogoshi; Takeshi et al.
1	US 5798789 A	19980825	Recording method and apparatus with preheating using inverted image data	347/186	347/188	Ono; Takeshi et al.
1	US 5786842 A	19980728	Recording apparatus which controls ink sheet slack and method for the same	347/217	347/215	Awai; Takashi et al.
1	US 5784009 A	19980721	Communication apparatus with programmable function keys	341/23	379/93.19	Wada; Satoshi et al.
1	US 5766131 A	19980616	Pulse-wave measuring apparatus	600/502	600/310; 600/344; 600/503	Kondo; Yutaka et al.
1	US 5742334 A	19980421	Film image reproducing apparatus and a control method for controlling reproduction of film	348/96	348/581; 348/583	Yagura; Hirokazu et al.

			image			
1	US 5712671 A	19980127	Thermal recording method and apparatus varying the number of auxiliary heating pulses based on the length of time between recording operations	347/186	358/296	Ono; Takeshi
1	US 5696547 A	19971209	Recording apparatus with auxilliary recording and method thereof	347/186		Takeda; Tomoyuki et al.
1	US 5650804 A	19970722	Method for judging recording state and recording apparatus capable of judging the recording state	347/19	347/3; 358/296	Kawamura; Wataru et al.
1	US 5623299 A	19970422	Thermal transfer recording apparatus with ink sheet and recording medium transported by predetermined amounts	347/215	347/217; 347/218	Yoshida; Takehiro et al.
1	US 5623289 A	19970422	Facsimile apparatus with ink ejection recording means recoverable prior to transmission of image data by another facsimile apparatus	347/3	347/23; 358/296	Ono; Takeshi et al.
1	US 5604599 A	19970218	Serial printing facsimile apparatus	358/296	347/3	Ono; Takeshi
1	US 5587733 A	19961224	Recording apparatus which avoids ink sheet sticking and image streaking	347/185		Ono; Takeshi et al.
1	US 5579042 A	19961126	Recording apparatus with improved ink sheet conveyance	347/217		Ishida; Yasushi et al.
1	US 5576751 A	19961119	Apparatus for either continuous or intermittent thermal transfer recording	347/217	347/188	Wada; Satoshi et al.

1	US 5539439 A	19960723	Thermal transfer recording apparatus in which the recording medium and ink sheet can be restrained	347/76		Ono; Takeshi et al.
1	US 5536093 A	19960716	Supply and take-up reels in an ink sheet cartridge and recording apparatus using said ink sheet cartridge	400/242	242/610; 400/246	Tomoda; Akihiro et al.
1	US 5534908 A	19960709	Thermal transfer recorder with ink sheet and recording medium conveyed according to recording mode	347/215	347/171; 347/188	Takeda; Tomoyuki et al.
1	US 5530470 A	19960625	Recording apparatus with controlled thermal transfer energy	347/190	358/296	Yoshida; Takehiro et al.
1	US 5497183 A	19960305	Thermal transfer recording method and apparatus with oppositely conveyed ink sheet and recording medium controlled to maintain a substantially constant conveyance ratio	347/215	347/217	Yoshida; Takehiro et al.
1	US 5481291 A	19960102	Recording apparatus with improved ink sheet conveyance	347/217	347/218	Ishida; Yasushi et al.
1	US 5471227 A	19951128	Recording method with variable recording interval	347/9	347/3	Takeda; Tomoyuki et al.
1	US 5452095 A	19950919	Recording apparatus and method having a recording mode which repeatedly records recording data for one line a plurality of times	358/296	347/11; 347/171; 347/3; 347/57	Ono; Takeshi et al.
1	US 5451988	19950919	Recording apparatus with controlled	347/185	347/13; 347/60	Ono; Takeshi

	A		preheating of a thermally activated printing head			
1	US 5450100 A	19950912	Thermal transfer recording method and apparatus for reducing ink sheet and recording medium consumption	347/215	400/231; 400/706	Yamada; Masakatsu et al.
1	US 5434679 A	19950718	Image forming apparatus	358/451	382/298	Kondo; Masaya et al.
1	US 5418554 A	19950523	Image recording apparatus with recording sheet and ink sheet width detection	347/215		Kiguchi; Masao et al.
1	US 5410336 A	19950425	Recording method and apparatus for controlling ink sheet conveyance in accordance with an interval between recording operations	347/215	400/513; 400/583	Ono; Takeshi et al.
1	US 5404229 A	19950404	Facsimile apparatus with ink ejection recording means recoverable between the transmission of consecutive pages of image data by another facsimile apparatus	358/296	347/23; 347/3	Ono; Takeshi et al.
1	US 5384584 A	19950124	Thermal transfer recording method and apparatus with oppositely conveyed ink sheet and recording medium controlled to maintain a substantially constant conveyance ratio	347/215	347/101; 347/5; 400/232; 400/236.2	Yoshida; Takehiro et al.
1	US 5381164 A	19950110	Recording method and apparatus for preheating a thermally activated printing read	347/186	347/13; 347/60	Ono; Takeshi

1	US 5379055 A	19950103	Thermal transfer recording apparatus and facsimile terminal equipment using said apparatus	347/215	400/232; 400/236; 400/236.2	Yoshida; Takehiro et al.
1	US 5371523 A	19941206	Multiprint ink sheet recording apparatus	347/214	347/217; 347/61	Wada; Satoshi et al.
1	US 5369422 A	19941129	Thermal transfer recording method in which an ink sheet is moved at a selected speed and apparatus for performing the same	347/215	400/232	Yoshida; Takehiro et al.
1	US 5293530 A	19940308	Thermal transfer recording apparatus and facsimile apparatus using the aforesaid apparatus	347/215	400/223; 400/224.1; 400/224.2; 400/225; 400/232	Yoshida; Takehiro et al.
1	US 5291219 A	19940301	Thermal transfer recording apparatus having preheating	347/185	358/296	Ono; Takeshi et al.
1	US 5266971 A	19931130	Thermal transfer recording apparatus and facsimile apparatus utilizing the same	347/215	358/296; 400/232	Yoshida; Takehiro et al.
1	US 5262799 A	19931116	Recording apparatus with auxiliary recording and method for same	347/180	347/215	Ono; Takeshi et al.
1	US 5248996 A	19930928	Thermal transfer recording apparatus which avoids ink sheet sticking after recording data reception is interrupted	347/216	346/134; 346/136; 358/296	Kato; Takahiro et al.
1	US 5248994 A	19930928	Thermal transfer recording method and recording apparatus using the same	347/215	347/217; 358/296; 400/232	Yoshida; Takehiro et al.
1	US 5245354 A	19930914	Thermal transfer recording apparatus and method with	347/217	358/296; 400/224.1; 400/232	Ono; Takeshi et al.

			improved ink sheet transport			
1	US 5239576 A	19930824	Communication apparatus	379/355.09	358/440; 379/100.14; 379/354	Yoshida; Takehiro et al.
1	US 5231421 A	19930727	Thermal transfer recording apparatus with delayed driving	347/186	347/215	Yoshida; Takehiro et al.
1	US 5229792 A	19930720	Image communication apparatus	347/3	347/23; 358/296; 358/438	Ono; Takeshi et al.
1	US 5216705 A	19930601	Data communication apparatus with an abbreviated dial key having a plurality of dial data and capable of selecting one of two communication functions	379/100.14	358/440; 379/354; 379/355.09	Yoshida; Takehiro et al.
1	US 5206666 A	19930427	Ink jet recording apparatus	347/3	347/32; 347/33; 358/296	Watanabe; Fumihiko et al.
1	US 5206661 A	19930427	Thermal transfer recording apparatus and method that stably conveys	347/216		Terajima; Hisao et al.
1	US 5204692 A	19930420	Thermal transfer recording apparatus with the ink sheet conveyed, before recording, in a different direction and by a fractional amount relative to that by which the recording medium is conveyed	347/180	347/215; 358/296; 400/150; 400/232; 400/583.4	Awai; Takashi et al.
1	US 5193007 A	19930309	Thermal transfer recording apparatus and method of use with particular relationship between relative conveyance direction, length, and velocity of the ink sheet, recording medium, and image	358/296	347/215; 400/224.2	Yokoyama; Minoru et al.

			recording			
1	US 5191357 A	19930302	Method and apparatus for preheating a thermally activated printing head	347/186	358/296; 400/120.09	Ono; Takeshi
1	US 5187494 A	19930216	Thermal transfer recording apparatus and method having preheating	347/186	400/120.08; 400/120.14; 400/232	Ono; Takeshi et al.
1	US 5184151 A	19930202	Thermal transfer recording apparatus and facsimile apparatus	347/215	400/224.1; 400/224.2; 400/232	Ono; Takeshi et al.
1	US 5179390 A	19930112	Thermal transfer recording apparatus that securely transports the ink containing member	347/215	346/136; 400/618; 400/619	Yokoyama; Minoru et al.
1	US 5177499 A	19930105	Recording apparatus with means for preheating	347/186		Yoshida; Takehiro et al.
1	US 5159470 A	19921027	Image processing method and apparatus with reduction of granular noise, etc.	358/3.03	358/443; 382/270; 382/275	Ishida; Shinichi et al.
1	US 5144329 A	19920901	Recording apparatus and method which takes into account image information being recorded	347/215	347/12; 347/190; 347/211; 358/296	Takeda; Tomoyuki et al.
1	US 5122882 A	19920616	Thermal transfer recording method and apparatus with control recording medium before, during, and following recording	358/296	347/215; 358/498; 400/232	Ishida; Yasushi et al.
1	US 5115255 A	19920519	Thermal printer suitable for both thermal transfer and heat sensitive recording	347/180	347/171	Kobayashi; Makoto et al.
1	US 5008607 A	19910416	Driving system for stepping motor	318/696	318/685; 358/409	Ono; Takeshi et al.
1	US 5001410	19910319	Driving system for stepping motor	318/696	318/685; 358/409	Ono; Takeshi

	A					
1	US 4969052 A	19901106	Image processing method and apparatus	358/3.03	358/296; 382/252	Ishida; Shinichi et al.
1	US 4963884 A	19901016	Thermal printer for preheating a recording sheet	347/185	347/194	Kiguchi; Masao et al.
1	US 4897831 A	19900130	Data transmission/reception apparatus	370/249	370/296	Negi; Tsuneo et al.
1	US 4875056 A	19891017	Thermal recording apparatus with variably controlled energization of the heating elements thereof	347/180	347/190	Ono; Takeshi
1	US 4850685 A	19890725	Projection-type color display device	359/634	348/750; 348/757; 349/8; 353/31; 353/34	Kamakura; Hiroshi et al.
1	US 4845569 A	19890704	Image transmission or encoding apparatus	358/400	358/1.9; 358/434	Kurahayashi; Sadasuke et al.
1	US 4814789 A	19890321	Thermal recording process and apparatus therefor	347/188		Ono; Takeshi
1	US 4772955 A	19880920	Data communication apparatus	358/426.01	358/434; 358/442; 358/444; 358/449	Kurahayashi; Sadasuke et al.
1	US 4745786 A	19880524	Hot rolling method and apparatus for hot rolling	148/504	148/511; 148/643; 72/11.3; 72/12.2; 72/202; 72/234; 72/38; 72/39	Wakako; Atsuhiko et al.
1	US 4737860 A	19880412	Image recording apparatus	347/192	347/183; 347/188; 358/2.1; 358/503	Ono; Takeshi et al.
1	US 4719514 A	19880112	Method and apparatus for image transmission	358/426.05	358/404; 358/426.12; 358/439	Kurahayashi; Sadasuke et al.

1	US 4641133 A	19870203	Communication apparatus which alerts operator to preset automatic operation	340/540	340/309.16; 340/309.7; 340/635; 340/653; 358/400; 375/311	Ono; Takeshi
1	US 4302200 A	19811124	Process for extracting anthocyanin-type colors from natural products	8/438	426/429; 426/431; 426/489; 536/18.1; 536/8; 8/646	Yokoyama; Isao et al.
1	US 3807330 A	19740430	SEWING MACHINE USABLE IN BOTH LOCK STITCH MODE AND CHAIN STITCH MODE	112/168		Ono; Takeshi et al.
1	US 3721205 A	19730320	TENSION DEVICE FOR A SEWING MACHINE	112/254		Ono; Takeshi et al.
1	US 3673971 A	19720704	ZIGZAG SEWING MACHINE	112/443		Ono; Takeshi
1	US 3538869 A	19701110	BASTING STITCH DEVICE IN A ZIGZAG SEWING MACHINE [TEXT AVAILABLE IN USOCR DATABASE]	112/450	112/228; 112/467	ONO TAKESHI et al.